

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
11 August 2005 (11.08.2005)

PCT

(10) International Publication Number  
**WO 2005/072144 A3**

(51) International Patent Classification:  
F25J 3/00 (2006.01)

(21) International Application Number:  
PCT/US2005/001254

(22) International Filing Date: 14 January 2005 (14.01.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/536,731 16 January 2004 (16.01.2004) US

(71) Applicant (for all designated States except US): AKER  
KVAERNER, INC. [US/US]; 7909 Parkwood Circle  
Drive, Houston, TX 77036 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): SHAH, Kamal  
[US/US]; 1738 Carriage Way, Sugar Land, TX 77478  
(US).

(74) Agents: REPPER, George, R. et al.; 1425 K Street NW,  
Suite 800, Washington, DC 20005 (US).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY,  
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,  
ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

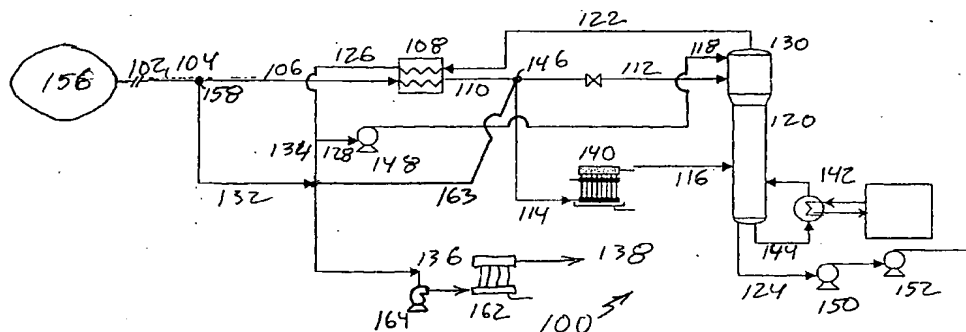
Published:

— with international search report

(88) Date of publication of the international search report:  
8 February 2007

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: GAS CONDITIONING PROCESS FOR THE RECOVERY OF LPG/NGL (C2+) FROM LNG



(57) Abstract: Liquified petroleum gas or natural gas liquids may be recovered from liquified natural gas by receiving an input stream comprising substantially rich liquified natural gas, splitting the input stream into a direct stream and a bypass stream, heating the direct stream in a cross-exchanger to produce a stream of heat rich liquified natural gas, splitting the heated rich liquified natural gas into a primary column feed, an optional bypass stream and a secondary column feed.

WO 2005/072144 A3